

**What is claimed is:**

1. A mechanical delaying device of a shredder comprising an upper-lid, a base, a motor, a decelerator, and two blade assemblies; wherein:

the upper lid has a feeder and a switch button at a top portion thereof;

5 the base accommodates the motor, the decelerator, and the two blade assemblies at an interior thereof, and has a shred container at a bottom portion thereof; the motor is for driving and rotating the decelerator

consisted of a plurality of gears, and the decelerator is for driving and

rotating the two blade assemblies; the two blade assemblies are

10 provided a long shredder slot connected with the feeder of the upper lid;

the frames of the two blade assemblies are fastened to the fixing plates via two sides thereof, respectively; and

the characteristics thereof being that:

the frame of the right blade assembly has two axis bases for receiving a

15 spindle above; an axis at one end the spindle is penetrated into an axis opening of the axis base, whereas the other end is connected to a

cantilever; at a top portion of the spindle near the axis opening is a pressing member, which is tilted downward to extend into the shredder

slot of the two blade assemblies; a bottom portion of the cantilever at

20 one end the spindle is connected with a transverse axis shaft

accommodated by a circular roller; a rear end of the axis shaft is

fastened with a circular baffle using a screw bolt; the roller and the

baffle are accommodated by a spring in between such that the roller is

allowed with displacement by pressing against the spring; an outer side

25 of the fixing plate of the blade assembly is a projecting gear axis, which

is connected and spontaneously moves with the axis of the right blade assembly; and gear grooves at the gear axis are for placing the roller; when paper is not inserted, the roller is pressed against the spring and blocked at an outer side of the gear axis; and

5 when the paper is inserted, the paper downwardly presses the pressing member that further drives and rotates the spindle below; the roller is displaced outward or upward and departed from the gear axis; a restoring force of the spring pushes the roller inward; and the roller is stretched into the gear grooves of the gear axis, and is pushed toward an

10 outermost end of the gear axis along with rotation of the gear axis by the axis of the shredding blade assembly, thereby accomplishing the objects of delaying and halting.